



U.S. Department of Energy

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

055496

Ms. Lisa Brown
State of Washington
Department of Health
1500 W. 4th Avenue, Suite 305
Spokane, Washington 99204-1639

FEB 5 1998



Dear Ms. Brown:

233-S SUPPORT TRAILER (MO-409) TIE-IN TO EXISTING SYSTEM 2607-W6 (W-370)

This letter is in reference to the State of Washington Department of Health (DOH) letter to Mr. Hector M. Rodriguez from you, "Septic Tie-In to Existing System (2607-W6: W-370 Project) to Support the 233-S Project Support trailer. Additional Flow 340 GPD; Total Approved Flow of 2607-W6 Including 233-S Support Trailer (MO-409), 13,285 GPD," dated August 13, 1997. Please find attached the following documents to support DOH approval in accordance with the referenced letter: /

1. Bechtel Hanford, Inc. letter to G. A. Schneebeck, DynCorp, from W. J. Peintinger, same subject as above, dated January 15, 1998, (CCN 055307), requesting DynCorp to revise the Operation and Maintenance Manual for the 2607-W6 (W-370) to incorporate provisions for maintenance of the added sewage lift station for this project (Attachment 1);
2. "As-Built" drawing of the lift station and sewer tie-in line (Attachment 2); and
3. Completed Construction Report for Large On-site Sewage Systems (Attachment 3).

The 233-S support trailer was installed in the 200 West Area to accommodate a field support team of up to 20 people.

If you want to discuss this matter further or require additional information, please contact me at (509) 376-7121.

Sincerely,

Jeffrey M. Bruggeman, Project Manager
Decontamination and Decommissioning Project

DDP:JMB

Attachments: As stated

cc w/attachs:
P. S. Innis, EPA

cc w/o attachs:
A. B. Chaloupka, BHI



3350 George Washington Way
Richland, WA 99352

Tel: (509) 375-4640
Fax: (509) 375-4644

055307

Job No. 22192
Written Response Required YES
Due Date 3/1/98
Assignee G.A. Schneebeck
Closes CCN
OU N/A
TSD N/A
ERA N/A
Subject Code 4220

JAN 15 1998

DynCorp
G. A. Schneebeck, Director
Facility Maintenance & Site Services
P.O. Box 1400
2430 Stevens Drive, MSIN: G3-05
Richland, WA 99352

Subject: **233-S SUPPORT TRAILER (MO-409) TIE IN TO EXISTING SYSTEM
#2607-W6 (W-370)**

Dear Mr. Schneebeck:

Attached is a copy of the Washington State Department of Health (DOH) approval of the tie-in to the Septic System #2607-W6 (W-370) that was recently completed for the 233-S office support trailer (MO-409). One item identified as a provision in the DOH approval letter dated August 13, 1997, is a requirement to revise the 2607 Septic System Operation and Maintenance Manual (O&M Manual).

The provision specifically states: "*The Operation and Maintenance Manual and maintenance activities for the 2607-W6 (W-370) large on-site sewage system shall be revised to incorporate provisions for maintenance of the added lift station for this project.*"

Please revise the O&M Manual and transmit the revised copy to the DOH for their review and final approval of the project.

Work Order Number DB8231 has been issued to the PHMC contractor for the maximum amount of \$750. These funds are for the revision of the O&M Manual and submittal of the same to DOH.

If you have any questions, please contact Mr. H. F. (Rick) Parsons of my staff at 372-9437.

Sincerely,

W.J. Peintinger
Services Manager

HFP:nac



Bechtel Hanford, Inc.

Mr. Schneebeck

055307

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JAN 15 1998

Attachments: DOH Approval Letter
Work Order DB8231

cc: J. M. Bruggeman (RL) H0-12, w/a
H.M. Rodriguez (RL) A5-15, w/a
J.A. Thornock (DYN) S2-66, w/a



055307

STATE OF WASHINGTON
DEPARTMENT OF HEALTH
OFFICE OF COMMUNITY ENVIRONMENTAL HEALTH PROGRAMS
1500 West Fourth Avenue, Suite 303 - Spokane, Washington 99204-1639
Facsimile (509) 456-2997

August 13, 1997

ATTN: Mr. Hector M. Rodriguez, M.S. A5-15
U.S. Department of Energy
Environmental Assurance, Permits & Policy
Richland Field Office
P.O. Box 500
Richland WA 99352

RE: Septic Tie-In to Existing System (2607-W6; W-370 Project) to Support the 233-S Project Support Trailer, Additional Flow 340 GPD; Total Approved Flow of 2607-W6 Including 233-S Support Trailer (MO-409), 13,285 GPD

Dear Mr. Rodriguez:

The plans, specifications and supporting information for the above project received in this office on August 7, 1997 with additional information received via facsimile on August 13, 1997 have been reviewed and in accordance with WAC 246-272 are hereby **APPROVED**.

PROVIDED:

1. The Operation and Maintenance Manual and maintenance activities for the 2607-W6 (W-370) large on-site sewage system shall be revised to incorporate provisions for maintenance of the added sewage lift station for this project.
2. An "As-Built" drawing of the lift station and sewer tie in line shall be submitted to this department within 60 days following construction completion.
3. Department of Health shall be notified to complete a final inspection of the lift station installation.

As required in WAC 246-272-08001 - Within sixty days following the completion of and prior to the use of the above project or portions thereof, the attached Certification must be completed by a professional engineer and returned to this department.

WAC 246-272-08001 provides that if the certification of completion has not been submitted within two years of the date of this letter, this approval will become null and void unless you take action at that time to arrange for an extension of the approval period in the manner prescribed.

055307

Mr. Hector M. Rodriguez
August 13, 1997
Page 2

In accordance with provisions of the "Memorandum of Understanding" between Washington State Department of Health and the Washington State Department of Ecology (effective June 1, 1992), fees will be collected for review and approval of all application projects. Regulations establishing a schedule of fees for review of planning, engineering and construction documents were adopted July 1, 1987 (WAC 246-272-990). An itemized bill for \$500.00 is enclosed.

Sincerely,



Lisa Brown, P.E.
Environmental Engineer
Large On-Site Sewage Systems
(509) 456-2754

cc: Dept. of Ecology Nuclear and Mixed Waste Management, Jerry Hensley, P.E.
Bechtel Hanford Inc., Rick Parsons
SCM Consultants, Inc., Leon Lindbloom, P.E.
U.S. Dept. of Energy, Karla Kinsey (Invoice)
Benton-Franklin County Health District

DB8231 WORK ORDER

*SERVICING/ COST CENTER	*CUSTOMER/ SUPPORT CODE	SUB-ACCOUNT/ ACCT. CLASS	REF. NO. WO	AUTH. FUNDS	AREA	BLDG.	(1)
	R23354	YH60		\$750	200W	N/A	
START DATE	TERM DATE	OVERHEAD CODES	PROJECT NO.				
01.14.98	05.01.98						
RESPONSIBLE ORG.	QA LEVEL	QA REVIEW	FY FUNDS	PR. NO.	SYSTEM		
			FX 98		012		
DESCRIPTION		FACILITIES CHANGE NOTICE - <input type="checkbox"/> YES <input type="checkbox"/> NO		ASSIGNED TO		FM NO	
UPDATE OEM MANUAL FOR 2607-W6				R. DESIMONE			
(W-370) LARGE ON-SITE SEWAGE SYSTEM				ESTIMATED COST		(INCLUDES REFERRAL ORDERS)	
IN SUPPORT OF RHI 233-S PROJECT				HOURS			
NOT TO EXCEED \$750.00				LABOR & TIME			
				MATERIAL			
				OTHER			
				TOTAL		\$750.00	
BUDGET APPROVAL		DATE	LINE OR COST ACCOUNT				
X AB CHALOWKA		1-12-98	DuWallone 1/12/98				
ISSUED BY	DATE	PHONE	ACCEPTED BY		ASSIGNED SERV		
HF PARSONS	01-12-98	372-5137					
APPROVED BY	DATE	COMPLETED - FMN	DATE		ISSUING ORGAN		
AB CHALOWKA	1-12-98						

☆ U.S. GPO: 1995-690-266

* FIRST DIGIT COMPANY INDICATOR:

D-PNL R-KEH M-HEHF W-WHC 9-DOE

(1) FOR INTERNAL CONTRACTOR USE ONLY.

DB8231
WORK ORDER

54-206 18 (01 89)

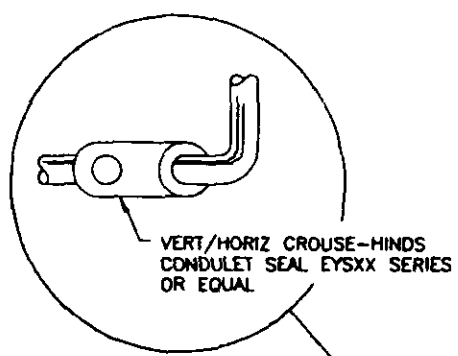
*SERVICING/ COST CENTER	*CUSTOMER/ SUPPORT CODE	SUB-ACCOUNT/ ACCT. CLASS	REF. NO. WO	AUTH. FUNDS	AREA	BLDG.	(1)
	R23350	YH600		\$750	200W	N/A	
START DATE	TERM DATE	OVERHEAD CODES	PROJECT NO.				
01/1/98	05/01/98						
RESPONSIBLE ORG.	QA LEVEL	QA REVIEW	FY FUNDS	PR. NO.	SYSTEM		
			EX 98		DYN		
DESCRIPTION		FACILITIES CHANGE NOTICE - <input type="checkbox"/> YES <input type="checkbox"/> NO		ASSIGNED TO		FM NO.	
UPDATE O&M MANUAL FOR 2607-W6				R. DESIMONE			
(W-370) LARGE ON-SITE SEWAGE SYSTEM				ESTIMATED COST		(INCLUDES REFERRAL ORDERS)	
IN SUPPORT OF RHI 233-S PROJECT				HOURS			
NOT TO EXCEED \$750.00				LABOR & TIME			
				MATERIAL			
				OTHER			
				TOTAL		\$750.00	
BUDGET APPROVAL		DATE	LINE OR COST ACCOUNT				
X AB CHALOWKA		1-12-98	C Wallace 1/12/98				
ISSUED BY	DATE	PHONE	ACCEPTED BY		ASSIGNED SERV		
HF PARSONS	01-12-98	372-9137					
APPROVED BY	DATE	COMPLETED - FMN	DATE		ISSUING ORGAN		
AB CHALOWKA	1-12-98						

☆ U.S. GPO: 1995-690-266

* FIRST DIGIT COMPANY INDICATOR:

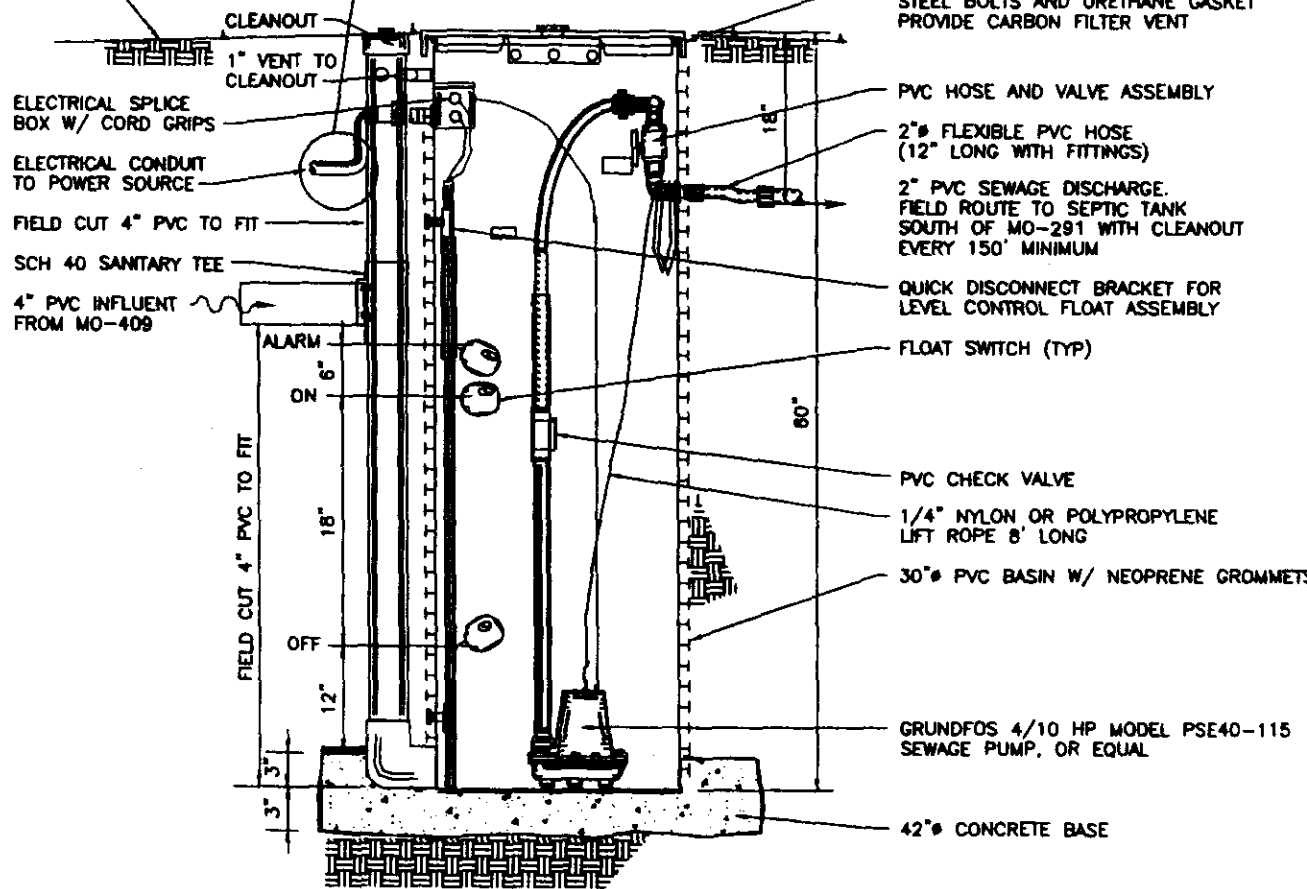
D - PNL R - KEH M - HEHF W - WHC 9 - DOE

(1) FOR INTERNAL CONTRACTOR USE ONLY.

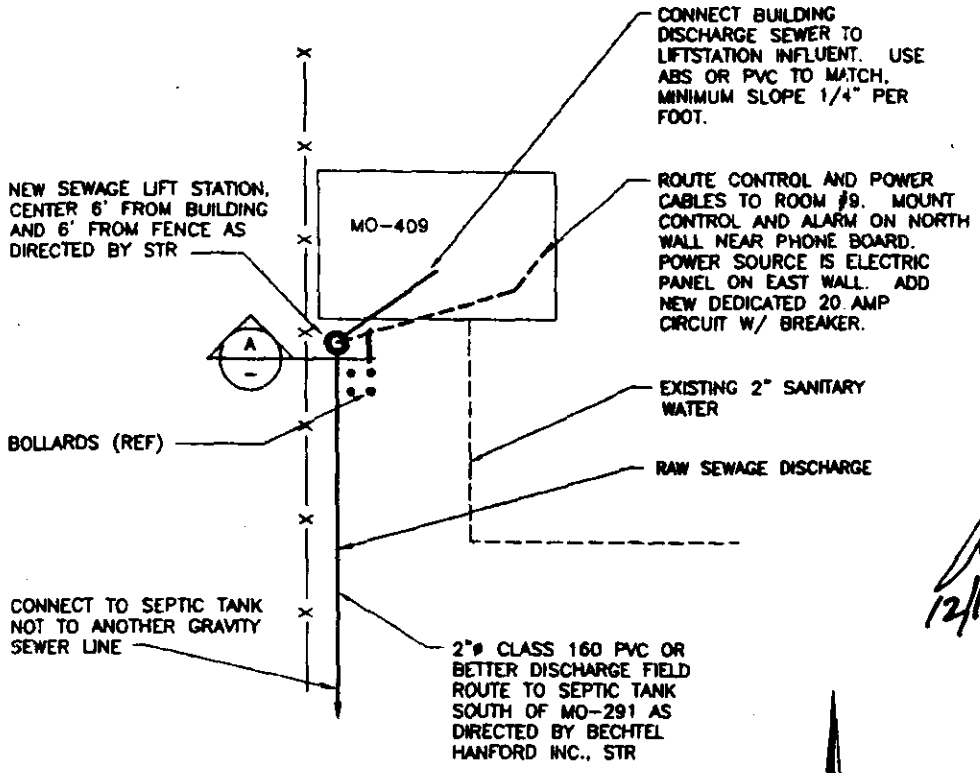


DESCRIPTION	ORENCO MODEL # OR EQUAL
1. PUMP BASIN ASSEMBLY	PB3060
2. SPLICE BOX	SB3
3. MERCURY FLOAT ASSEMBLY	MFE2A
4. HOSE & VALVE ASSEMBLY	HV200BCX
5. CONTROL PANEL	S1
6. SEWAGE PUMP	PSE40-115
7. DISCONNECT	PER ORENCO

BACKFILLED & COMPACTED
SUBGRADE SOIL MEET
SURROUNDING GRADE &
RESURFACE TO MATCH
EXISTING

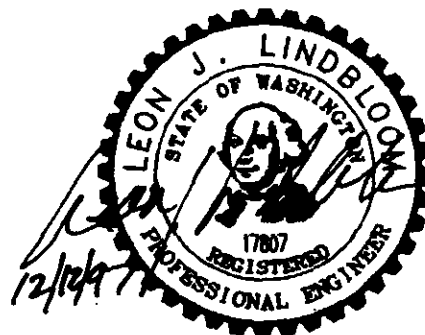


LIFT STATION
WITH SEWAGE PUMP
NOT TO SCALE



PARTIAL SITE PLAN

NOT TO SCALE



GENERAL NOTES

1. PROVIDE ALL EQUIPMENT, LABOR, MATERIALS, SUPPLIES, FEES AND MANUFACTURERS ASSISTANCE AS NECESSARY TO PROVIDE A COMPLETE AND OPERATIONAL LIFT STATION TO COLLECT AND TRANSPORT WASTE WATER FROM BUILDING MO-409 TO THE EXISTING 6500 GALLON SEPTIC TANK ON THE SOUTH SIDE OF BUILDING MO-291.
2. ALL WORK WILL BE AT THE DIRECTION OF BECHTEL HANFORD, INC. STR.
3. ALL INSTALLATIONS, EXCAVATIONS, BACKFILL, SITE RESTORATION WILL BE COMPLETED TO CURRENT INDUSTRY, BECHTEL AND HANFORD SITE STANDARDS AND APPLICABLE CODES.
4. PROVIDE MANUFACTURER'S DATA AND OPERATIONS AND MAINTENANCE PROCEDURES.

EQUIPMENT SCHEDULE

PROVIDE THE FOLLOWING FROM ORENCO SYSTEMS, INC
SUTHERLIN, OR 97479 (541)459-4449

		MODEL/OR EQUAL
1. PUMP BASIN	PVC, 30" X 60" HIGH W/4" INLET FITTING	PB3060
2. CLEAN OUT VENT ASSEMBLY	INCLUDE THE SANITARY TEE	PBCOV
3. DISCHARGE GROMMET	WATERTIGHT CONNECTION FOR 2" PIPE	G2
4. FLOAT BRACKET	PVC BRACKET BONDED TO BASIN	PBFB
5. SPLICE BOX	PVC W/4" CORD GRIPS & 3/4" OUTLET FITTING	SB3
6. FLOAT SWITCH ASSEMBLY	3 SIGNAL FLOATS ON PVC STEM	MFE2A
7. PUMP CONTROL / ALARM	115V	S1
8. HOSE & VALVE ASSEMBLY	PVC, 2" W/BALL & CHECK VALVES	HV200BCX
9. 2" SOLIDS SEWAGE PUMP	GRUNDFOS 4/10 HP 115V	PSE40-115
10. JUNCTION BOX		PER ORENCO

THE ABOVE EQUIPMENT IS LIMITED TO THE LIFTSTATION / OTHER CABLE, PIPE, WIRING, MATERIALS AND INSTALLATION WILL BE NEEDED.

RECORD DRAWING	DATE	BY	CHKD
12/4/97	12/4/97	12/4/97	12/4/97
PUMP BASIN SIZE			

DATE	12/4/97
BY	12/4/97
CHKD	12/4/97
DATE	12/4/97

LIFT STATION AT MO-409
SUMP, PUMP & CONTROLS

DATE 12/4/97

BY 12/4/97

CHKD 12/4/97

DATE 12/4/97

BECHTEL HANFORD, INC
233-S PROJECT LIFT STATION

DATE 12/4/97

BY 12/4/97

CHKD 12/4/97

DATE 12/4/97

Construction Report for Large On-site Sewage Systems

055308

As required by WAC 246-272-08001(7): Before a new Large On-site Sewage System (LOSS) is used and within 60 days following the completion of construction, a licensed engineer must stamp, sign, and submit to the Department a LOSS Construction Report (on a form provided by the Department) and "as-built" or "record" drawings of the system. The report shall state that the project is constructed and substantially completed in accordance with the approved construction documents; and in the opinion of the engineer, based on information available, the installation and testing of the system was carried out per Department rules. Also before the LOSS is used, the owner shall submit an operation and maintenance manual developed by a licensed engineer for the installed LOSS to the Department for approval and obtain a LOSS Operating Permit from the Department. Permit will be issued upon receipt of the construction report.

- (a) If a project is being completed in stage construction, attach a map and description of portion of project being certified as being completed as approved on date given below.
- (b) As future portions of staged construction projects are completed, each must be certified as required by WAC 246-272-08001(7).
- (c) Additional certification forms are available upon request from the DOH office below.

233S Support Trailer (MO-409) Tie In to
Existing System #2607, W-370 Project
For additional flow 340GPD

Name of Project Served By Sewer System
U.S. Department of Energy
Richland Field Office

LOSS Owner's Name

PO Box 550

Mailing Address

Richland, WA 99352

City State Zip

Project Name and Descriptive Title:

Date Plans & Specifications Approved
By Department of Health:

13 August 1997

Date Project or Portions Thereof Completed:

15 November 1997

The undersigned engineer or his authorized agent has inspected the above-described project, which as to layout, size and type of pipe, valves and materials, and other designed physical facilities has been constructed in accordance with the plans and specifications approved by the Department of Health, and in the opinion of the engineer, the installation and testing of the system was carried out in accordance with the specifications approved by the Department for the project.

Engineer's Signature

Date Signed

Please return completed form to:

Department of Health
Wastewater Management
Spokane Regional Office
1500 West Fourth Avenue, Suite 305
Spokane, WA 99204

